

Application No. 09/711,049  
Amendment dated December 14, 2005  
Reply to Office Action of July 22, 2005

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1. (Currently Amended) A method of diagnosing an electronic device which belongs to a customer, said method comprising the steps of:
  - a) receiving and validating an inspection result automatically obtained by an inspection program by executing the inspection program on said electronic device on said customer's side, the inspection result being received by computer communication; and
  - b) obtaining a diagnosis result by diagnosing said electronic device on the basis of said inspection result, said diagnosis result including a diagnosis result about an electronic card attached to said electronic device.
2. (Original) The method of claim 1, further comprising the step of supplying said inspection program to said customer before said step a).
3. (Original) The method of claim 1, further comprising the step of
  - c) sending a computer-readable medium carrying said inspection program to said customer, wherein  
said step c) is performed before said step a).
4. (Original) The method of claim 1, further comprising the step of
  - d) sending said inspection program to said customer through computer communication, wherein  
said step d) is performed before said step a).
5. (Original) The method of claim 4, wherein  
said inspection program is registered on a server connected to a computer network.

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6. (Original) The method of claim 5, wherein  
a plurality of inspection programs are registered on said server in accordance with  
diagnostic items of said electronic device.
7. (Original) The method of claim 1, wherein  
a computer-readable medium carrying said inspection result is received in said  
step a).
- 8.-9. (Cancelled)
10. (Currently Amended) The method of claim 1 [[8]], further comprising the  
step of  
e) transmitting said diagnosis result to said customer.
11. (Original) The method of claim 10, further comprising the step of  
f) accepting a request of repair from said customer through computer  
communication.
12. (Original) The method of claim 11, wherein  
said step f) including the steps of:  
issuing an acceptance number of repair to said customer; and  
recording said diagnosis result with said acceptance number.
13. (Original) The method of claim 12, further comprising the steps of:  
receiving said electronic device from said customer;  
finding out said diagnosis result related to said acceptance number;  
repairing said electronic device in accordance with said diagnosis result; and  
sending said electronic device back to said customer.
14. (Original) The method of claim 1, wherein

said diagnosis result includes information whether said electronic device needs repair or not.

15. (Previously Presented) A method of diagnosing an electronic device which belongs to a customer, said method comprising the steps of:

- a) receiving an inspection result obtained by executing an inspection program on said electronic device on said customer's side; and
- b) obtaining a diagnosis result by diagnosing said electronic device on the basis of said inspection result, said diagnosis result including information which indicates a state selected from the group comprising:
  - a first state where said electronic device is normal;
  - a second state where said electronic device has trouble but needs no repair; and
  - a third state where said electronic device needs repair.

16. (Original) The method of claim 15, wherein  
said second state includes a state where remaining power in a battery provided for said electronic device is insufficient.

17. (Original) The method of claim 15, wherein  
said second state includes a state where rest of area in a memory provided for said electronic device is insufficient.

18. (Original) The method of claim 1, wherein  
said step b) is performed by a computer.

19. (Cancelled)

20. (Currently Amended) A method of diagnosing an electronic device which belongs to a customer, said method comprising the steps of:

- a) sending a computer-readable medium carrying an inspection program to said customer;

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b) [[a]] receiving a computer-readable medium carrying an inspection result, said inspection result obtained by said customer executing [[an]] said inspection program on said electronic device ~~on said customer's side~~; and  
c) [[b]] reading out said inspection result from said computer-readable medium.

21. (Cancelled)

22. (Currently Amended) [[A]] The method of claim 15 diagnosing an electronic device which belongs to a customer, said method further comprising the steps of:

a) ~~receiving an inspection result through computer communication, said inspection result obtained automatically by an inspection program by executing the inspection program on said electronic device on said customer's side;~~  
b) ~~preparing for reading out said inspection result; and~~  
c) accepting selection of an inspection program out of a plurality of inspection programs from said customer, wherein said step c) is performed before said step a).

23. (Previously Presented) The method of claim 22, further comprising the step of

d) transmitting said inspection program to said customer through computer communication, wherein  
said step d) is performed following said step c) and before said step a).

24.-25. (Cancelled)

26. (Previously Presented) A method of serving an inspection program for an electronic device which belongs to a customer, said method comprising the steps of:

a) preparing an inspection program; and  
b) supplying said inspection program to said customer,  
wherein an inspection result is generated by execution of said inspection program on said electronic device on said customer's side so as to obtain the inspection result

automatically, and diagnosis of said electronic device is performed on the basis of said inspection result, said diagnosis result including information which indicates a state selected from the group comprising:

- a first state where said electronic device is normal;
- a second state where said electronic device has trouble but needs no repair; and
- a third state where said electronic device needs repair.

27. (Currently Amended) An apparatus for diagnosing an electronic device through computer communication, said electronic device belonging to a customer, said apparatus comprising:

a receiving circuit for receiving an inspection result obtained automatically by an inspection program by executing the inspection program on said electronic device on said customer's side; and

a processor for obtaining a diagnosis result by diagnosing said electronic device on the basis of said inspection result, said diagnosis result including information which indicates a state selected from the group comprising:

- a first state where said electronic device is normal;
- a second state where said electronic device[[s]] has trouble but needs no repair; and
- a third state where said electronic device needs repair.

28. (Original) The apparatus of claim 27, wherein  
said processor compares a value included in said inspection result with a predetermined threshold value, to thereby judge whether said electronic device needs repair or not.

29. (Original) The apparatus of claim 27, wherein  
said processor calculates a value for diagnosis from said inspection result, and compares said value for diagnosis with a predetermined threshold value, to thereby judge whether said electronic device needs repair or not.

30. (Original) The apparatus of claim 27, wherein

said processor judges whether data received as an inspection result is a valid inspection result or not.

31. (Original) The apparatus of claim 27, further comprising a transmitting circuit for transmitting said diagnosis result toward said customer.

32. (Original) The apparatus of claim 31, wherein said processor accepts a request of repair from said customer.

33. (Original) The apparatus of claim 32, wherein said processor issues an acceptance number of repair to said customer, and records said diagnosis result with said acceptance number.

34. (Original) The apparatus of claim 27, wherein said diagnosis result includes information whether said electronic device needs repair or not.

35. – 36. (Cancelled)

37. (Previously Presented) A computer-readable medium carrying a program for diagnosing an electronic device through computer communication, said electronic device belonging to a customer, wherein execution of said program by a computer causes said computer to perform a process comprising the steps of:

a) receiving an inspection result automatically obtained by an inspection program by executing the inspection program on said electronic device on said customer's side; and  
b) obtaining a diagnosis result by diagnosing said electronic device on the basis of said inspection result, said diagnosis result including information which indicates a state selected from the group comprising:

a first state where said electronic device is normal;

a second state where said electronic device has trouble but needs no repair; and

a third state where said electronic device needs repair.

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38. (Original) The computer-readable medium of claim 37, wherein  
said computer-readable medium is a hard disk system connected to a server on a  
computer network.

39.-40. (Cancelled)